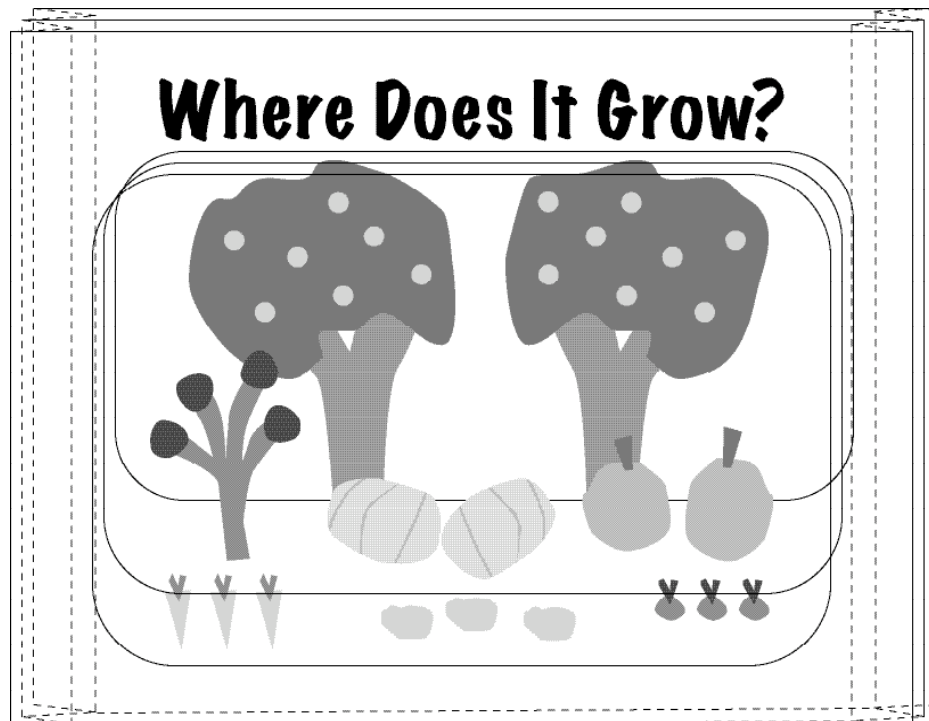# Where Does It Grow?

Instructions

1. Cut all construction paper to 8 1/2" x 11".

2. Make three templates for a pattern to copy onto construction paper.

   1st template—Draw a window approximately 9" x 6" on orange construction paper. The window should be drawn 1 3/4" from the top, 3/4" from the bottom, and 1" from each side.

   2nd template—Draw a window approximately 9" x 5 1/4" on brown construction paper. The window should be drawn 1 3/4" from the top, 1 3/4" from the bottom, and 1" from each side.

   3rd template—Draw a window approximately 9" x 4 1/4" on green construction paper. The window should be drawn 1 1/2" from the top, 2 3/4" from the bottom, and 1" from each side.

3. Insert scissors through the inside of each window. Cut around the inside edge of the window making a frame. On the top edge (1 3/4"side) of the orange cover use a black marker and write the title "Where does it grow?" Do not write on the bottom edge of the window.

4. From the scraps, cut out vegetables that grow **under** the ground (radishes, carrots, potatoes, etc.). Glue the vegetables onto the lower edge of the brown construction paper after the window has been cut out—be sure to glue the vegetables down from the lower cut out edge of the window, not on the very bottom of the brown construction paper. The veggies should be visible when the orange frame is placed on top of the brown one.

5. From the scraps, cut out fruits and vegetables that grow **above** the ground (watermelon, tomatoes, pumpkins, etc.). Glue the fruits and vegetables on the lower edge of the green construction paper window, making sure they are visible when the brown frame is placed over the green one.

6. From the scraps, cut two brown tree trunks and two green tree tops. Also cut out fruits that grow on trees and glue them onto the green tree tops (apples, oranges, etc.). Glue the trees onto the light blue piece of construction paper. (The light blue construction paper does not have a window cut out.)

Materials

- Construction paper:
  3 sheets orange
  1 sheet brown
  1 sheet green
  1 sheet light blue

- Scrap construction paper: orange, light brown, light green, red, and other colors

7. Take two pieces of the unused orange construction paper (approximately 8 1/2" x 6") and fold each into a fan. One will be used on either side of the diorama to assemble the project, similar to an accordion file. The first fold needs to be **less than** 1" (3/4" or 7/8"). Fold the fan six times only. Cut off the excess orange paper and discard. (Folding six times makes three sharp inside folds.)

8. The diorama can now be assembled. Take the orange cover and glue each side to the outside edge of **each** of the fans. The cover edges should meet up with the edges of the fold on the fan. The orange cover should have a fan glued on each side. Next, take the brown construction paper and glue each side to the **back edge** of the next fan fold. Then take the green construction paper and glue each side of the **back edge** of the next fan fold. Last, glue each edge of the light blue construction paper to back of the last fold. When completed, the project should stand alone, allowing all of the different sections of fruits and vegetables in each window to be visible.

Note—This project has been completed with 1st graders. About three days are needed to complete the project. The kids fold the fans for the sides, but the teacher helps with the gluing to get them put together correctly. This works well as an assessment tool for plants.

Where Does It Grow?

Template 1—9" x 6"
Make from Orange Construction Paper

Template 2—9" x 5 1/4"
Make from Brown Construction Paper

Template 3—9" x 4 1/4"
Make from Green Construction Paper